

2023 REPAVING PUBLIC MEETING

Braddock and Mason Districts
April 20, 2023 • 7 p.m.

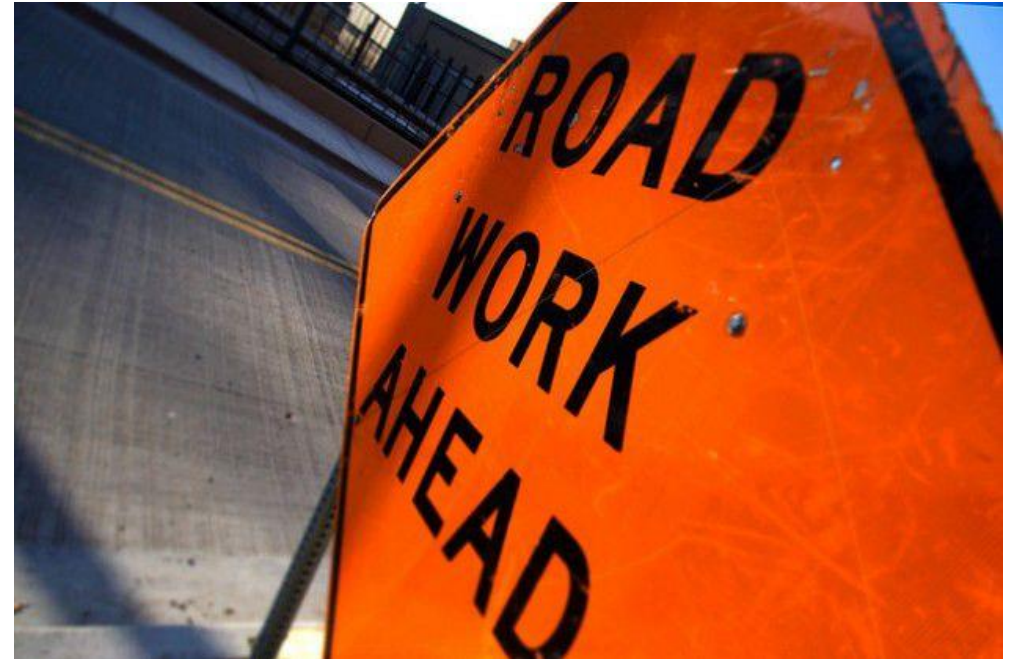


Presenter: Lauren Delmare P.E., Transportation Planner IV, FCDOT



AGENDA

- VDOT: 2023 Paving Plan
- FCDOT: Proposed Striping Modifications
- Q&A



Proposed Striping Modifications



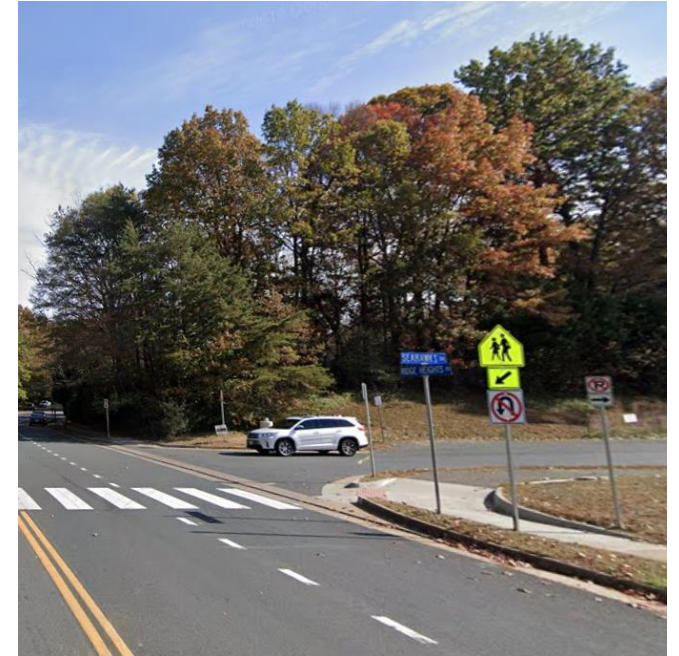
A COLLABORATION BETWEEN VDOT & FCDOT

- VDOT & FCDOT collaborate on improving traffic safety for all users as part of the annual paving program:
 - FCDOT reviews draft paving plan and **identifies opportunities for improvements** – potential new crosswalk markings, widening shoulders and medians by shifting lane markings, need for bus stop relocations, and adding bike lanes and turn lanes where appropriate
 - VDOT **develops striping and signing plans** and coordinates implementation with contractors
 - FCDOT **leads public engagement** and coordination with District Supervisors
 - VDOT identifies and **reconstructs substandard curb ramps** and median roll throughs to improve accessibility
 - FCDOT installs bike lane, road diet and crosswalk signage



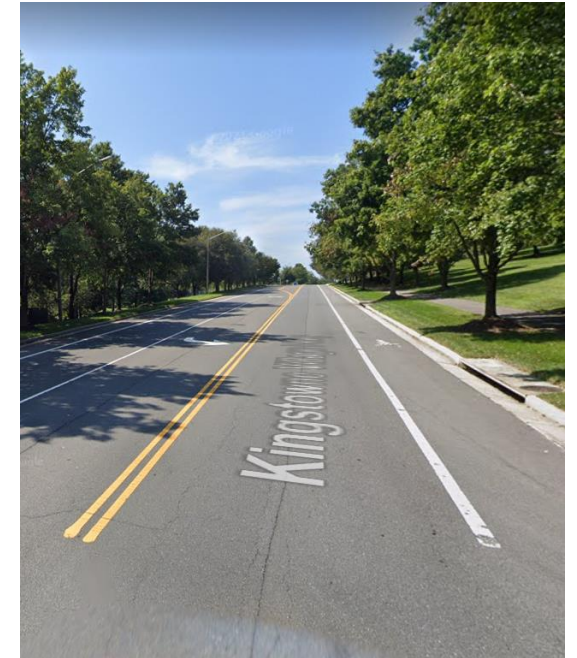
CROSSWALK ENHANCEMENTS

- FCDOT studies **busy pedestrian crossing locations** without crosswalk markings to determine if crossing meets VDOT warrants for marked crosswalks and if minor parking restrictions are needed to improve crossing safety
- VDOT **upgrades existing crosswalk striping** from standard to high visibility near schools and near transit stations
- FCDOT **identifies key crosswalks for future enhancements**, such as pedestrian refuges



REPURPOSING UNDERUTILIZED ROAD SPACE

- Many roads in Fairfax County were built with **wider than needed travel lanes or too many travel lanes**, leading to **road safety issues** such as speeding and inattentive driving
- Repaving provides opportunity to **“right size” travel lanes and roads** and provide new bike lanes and turn lanes **to improve safety for all users** at very little cost
- Traffic capacity at signals and legal on-street parking are usually maintained
- Aids implementation of [planned bicycle network](#)



THE TRAFFIC CALMING EFFECT

Annandale Road

BEFORE



Speeding Concerns

AFTER



Top speeds virtually eliminated



TYPES OF BICYCLE FACILITIES IN FAIRFAX COUNTY



SHARED LANE MARKING (SHARROW)

Shared lane markings indicate a shared travel lane for bicycles and cars.



Motorists may legally cross the double yellow line in order to safely pass a person riding a bicycle, as long as the oncoming lane is clear.



STANDARD BIKE LANE

Bike lanes give bicycles and cars their own spaces, making it safer to pass legally.

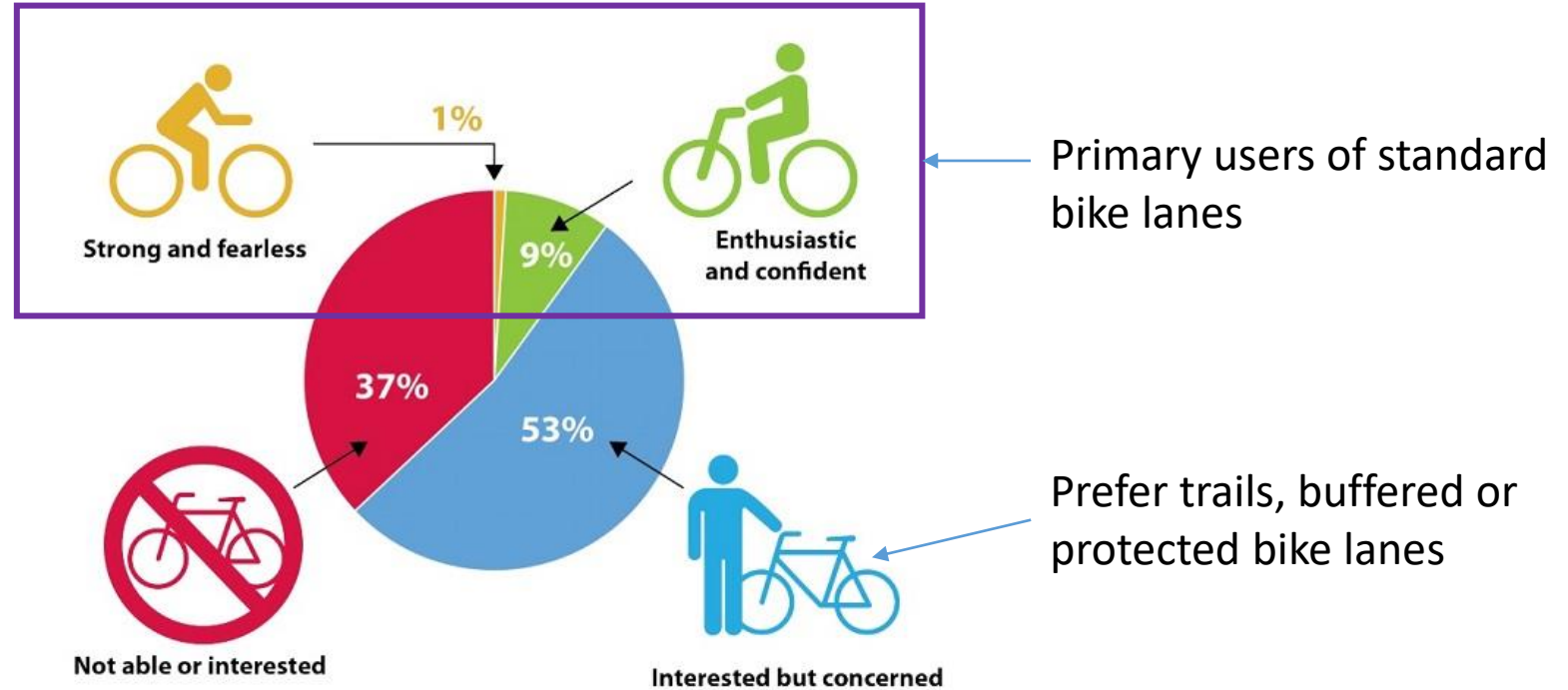


BUFFERED BIKE LANE

Buffered bike lanes provide additional space between bicycles and cars. The extra space makes both cycling and driving more comfortable.



TYPES OF BICYCLE RIDERS IN FAIRFAX COUNTY



BENEFITS OF BICYCLE INFRASTRUCTURE



BRADDOCK DISTRICT PROPOSED BIKE LANES



GUINEA ROAD- EXISTING

- Between Braddock Road and Twinbrook Road
- Four wide travel lanes
- Sidewalk on both sides except on south side between Twinbrook Road and Olley Lane
- No on-street bike facilities
- Existing bike lane on Commonwealth Boulevard and sidepath along south side of Braddock Road



GUINEA ROAD- PROPOSED

- Between Braddock Road and Twinbrook Road
- Road diet proposed to repurpose two underused travel lanes and add buffered bike lanes between Olley Lane and Twinbrook Road
- Olley Lane crosswalk safety improved
 - Pedestrians cross two travel lanes and left turn lane instead of five lanes
 - People driving much more likely stop for pedestrians on two-lane streets
- Buffered bike lanes reduce speeding



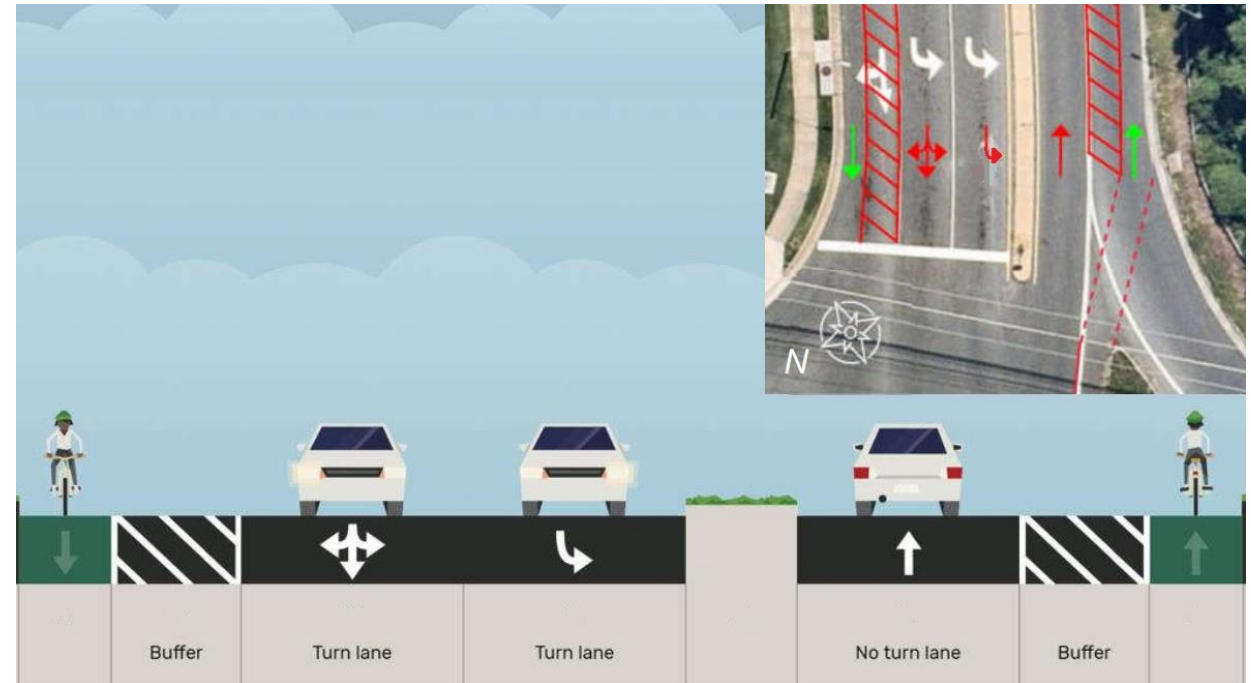
GUINEA ROAD- TRAFFIC ANALYSIS

- VDOT requested FCDOT perform traffic analysis to determine impacts and results are being interpreted jointly
- Through traffic on Braddock Road is prioritized, which creates delays at Guinea Road
- Braddock Road intersection configuration unchanged to mitigate potential delays
- Road diet would begin west of Olley Lane
- Twinbrook Road's following movements would be impacted
 - Delay on northbound right turn from Twinbrook Road
 - Delay eastbound on Commonwealth Boulevard



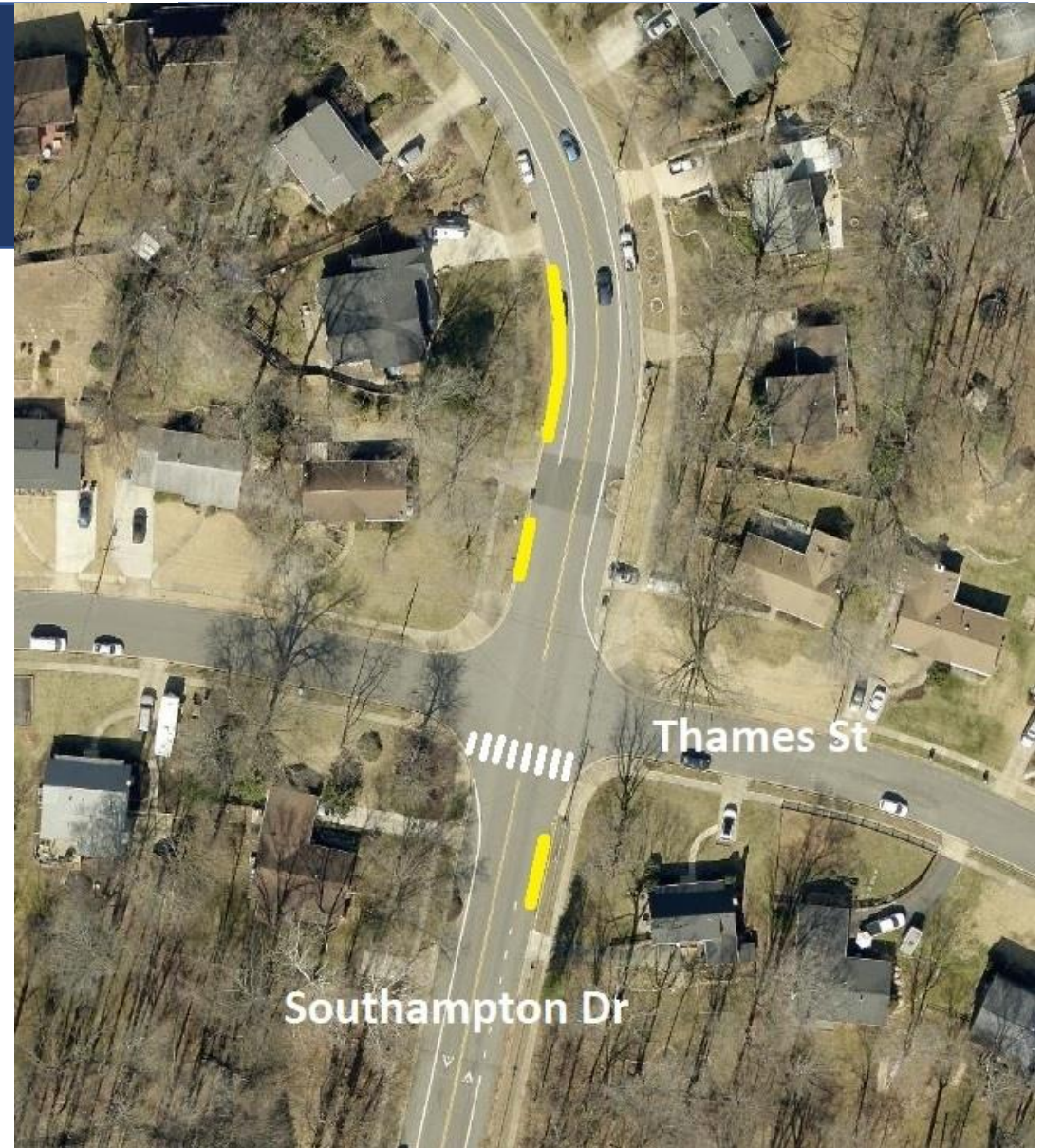
GUINEA ROAD- TRAFFIC ANALYSIS

- Cross-section and aerial view of Guinea Road and Twinbrook Road intersection
- Road diet would not significantly exacerbate delays because intersection capacity largely maintained
- Changes to proposal possible to further mitigate potential delays

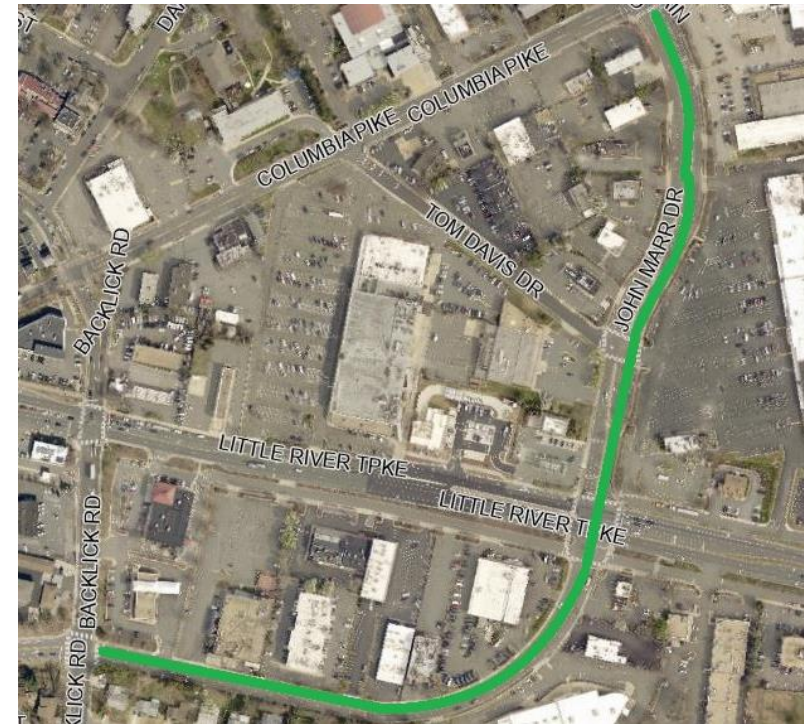


BRADDOCK DISTRICT PROPOSED CROSSWALK

- Southampton Drive at Thames Street
- Adjacent to two bus stops
- Proposed parking restrictions in marked in yellow
 - Five spaces on southbound side of street
 - One space on northbound side of the street



MASON DISTRICT PROPOSED BIKE LANES



JOHN MARR DRIVE - EXISTING

- Between Columbia Pike and Backlick Road
- Four wide travel lanes
- Sidewalks on both sides except between Backlick Road and Little River Turnpike
- No on-street bike facilities
- Existing bike lanes on John Marr Drive west of Backlick Road



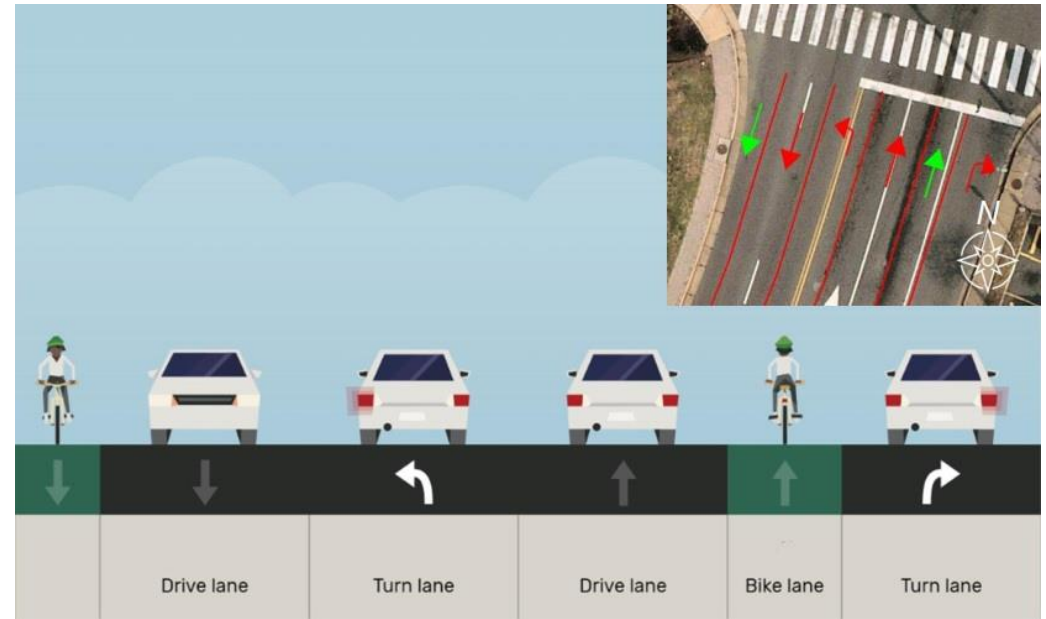
JOHN MARR DRIVE - PROPOSED

- Between Columbia Pike and Backlick Road
- Road diet proposed to repurpose two underused travel lanes to add bike lanes and left turn lane
- Provides a cross-town bicycle connection between eastern and western Annandale
- Add left turn lane between Backlick Road and Little River Turnpike to improve safety and maintain traffic capacity



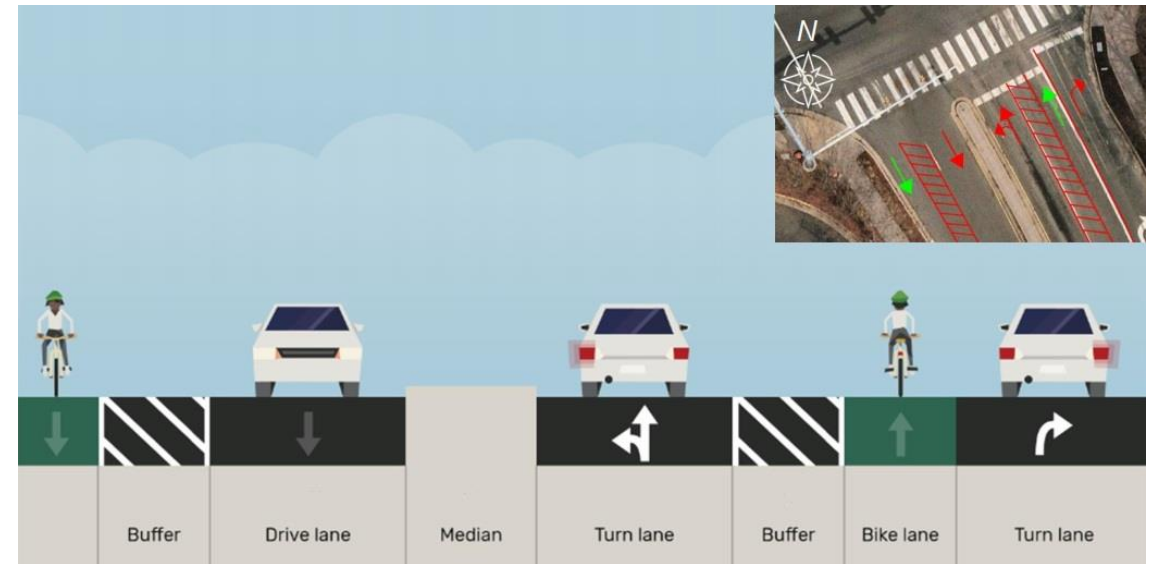
JOHN MARR DRIVE – TRAFFIC ANALYSIS

- VDOT requested FCDOT perform traffic analysis to determine impacts and results are being interpreted
- Proposed cross-section and aerial view of John Marr Drive and Little River Turnpike intersection (south side)
- Through traffic on Little River Turnpike is prioritized, which creates delays at John Marr Drive intersection during peak hours
- Road diet would not significantly exacerbate delays because intersection capacity maintained



JOHN MARR DRIVE – TRAFFIC ANALYSIS

- Proposed cross-section and aerial view of John Marr Drive and Columbia Pike
- Road diet would not significantly exacerbate delays because intersection capacity maintained
 - Right turn only lane onto Columbia Pike unchanged
 - Columbia Pike has one lane turning left onto John Marr Dr



COMMUNITY FEEDBACK

- **Paving-related comments** (e.g., drainage issues, missing signage, signal repair, walkway repair and sight distance issues due to vegetation overgrowth) should be submitted through the myVDOT portal: <https://my.vdot.virginia.gov/>. If you would like to request road repairs, please follow the "I need a road repaired" link on the VDOT portal or call 1-800-FOR-ROAD (1-800-367-7623).
- **Striping-related comments** can be submitted electronically to FCDOT by emailing DOTBicyclePrograms@fairfaxcounty.gov or by using the Feedback Form link in the red box on the project webpage:

<https://www.fairfaxcounty.gov/transportation/2023-paving-and-restriping-program/april-20>

Comments due by May 4, 2023

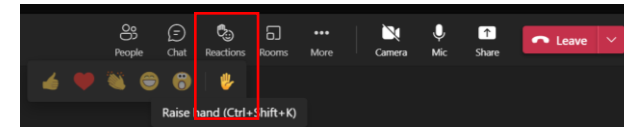


QUESTIONS AND COMMENTS

- **Website (Feedback Form link in Red Box):**
<https://www.fairfaxcounty.gov/transportation/2023-paving-and-restriping-program/april-20>
- **Email:** DOTBicyclePrograms@fairfaxcounty.gov
- **Call:** 703-877-5600 TTY 711
- **Comments due by May 4, 2023**

To ask a Question Now:

Please use the “Reactions” > “Raise your Hand” feature at the top of your screen:



If calling in via telephone:

- Press *5 to “raise your hand”
- Press *6 to unmute to speak

